Flush Mount PIR Motion Sensor   PIR

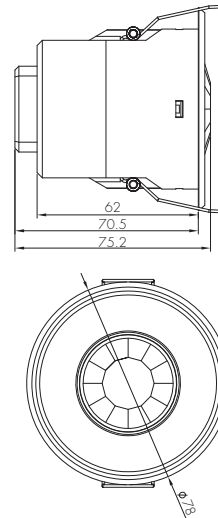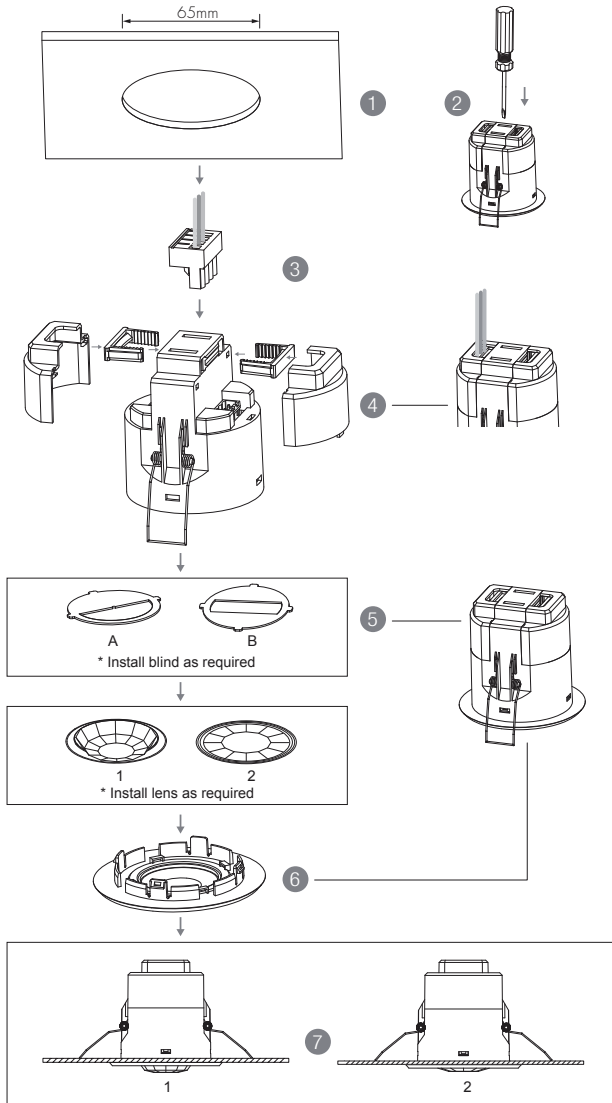## HBIR30 /CA
Wireless sensor compatible with Casambi based systems

**HYTRONIK** ®

CE emc Ⓢ Intertek

CB IP20

65mm

Recess / flush
mount version

62
70.5
75.2

Ø 78

A   B
* Install blind as required

1   2
* Install lens as required

1   2

1. Ceiling (drill hole 65mm)
2. Carefully prise off the cable clamps.
3. Make connections to the pluggable terminal blocks.
4. Insert plug connectors and secure using the provided cable clamps, then clip terminal covers to the base.
5. Fit detection blind (if required) and desired lens.
6. Clip fascia to body.
7. Bend back springs and insert into ceiling.

Optional accessory

Ø 95

65
77.1
82.3
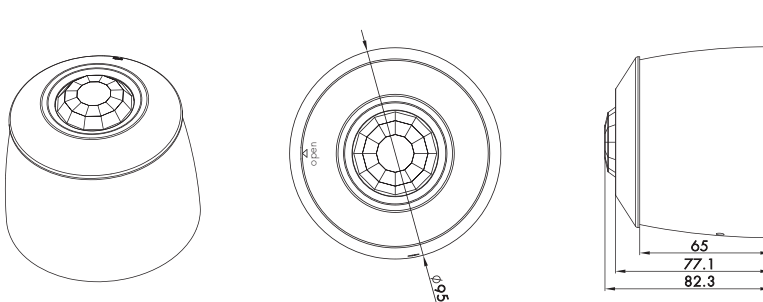
Ceiling mount version

Technical Data

Input Characteristics

Model No.	HBIR30 /CA
Mains voltage	220~240VAC 50/60Hz
Stand-by power	<0.2W
Warming-up	20s

Sensor Data

Model No.	HBIR30 /CA
Sensor principle	PIR detection
Detection range	(Ø x H) 12m x 3m (max)
Detection angle	360°
Mounting height	3m

Bluetooth Transceiver	
Operation frequency	2.4 GHz - 2.483 GHz
Transmission power	7 dBm
Range (Typical indoor)	15~30m
Protocol	Bluetooth® 4 Wireless Mesh

Safety and EMC

EMC standard (EMC)	EN55015, EN61000
Safety standard (LVD)	EN60669-1, EN60669-2-1
Certification	Semko, CB, CE , EMC, LVD, RCM

Environment

Operation temperature	Ta: -20°C ~ +50°C
IP rating	IP20

Free smartphone App for set-up and commissioning

CASAMBI

Download on the APP Store

GET IT ON Google Play

iOS   android

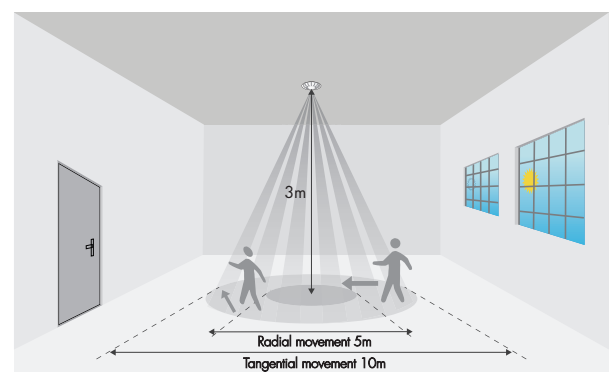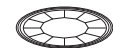
Detection Pattern

Detection range with convex lens

3m

Radial movement 6m
Tangential movement 12m

Detection range with flat lens

3m

Radial movement 5m
Tangential movement 10m

Detection range with convex lens and 50% Blind A

3m

Radial movement 3m
Tangential movement 6m

A

Detection range with flat lens and 50% Blind A

3m

Radial movement 2.5m
Tangential movement 5m
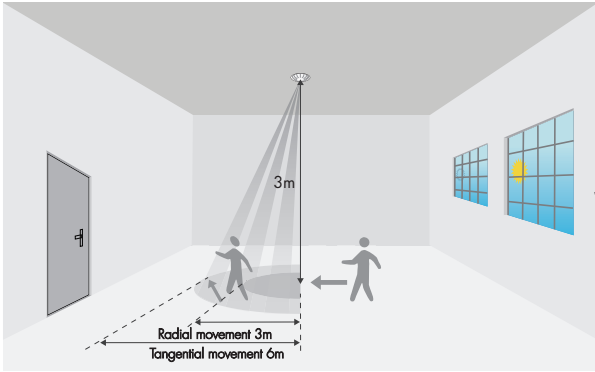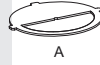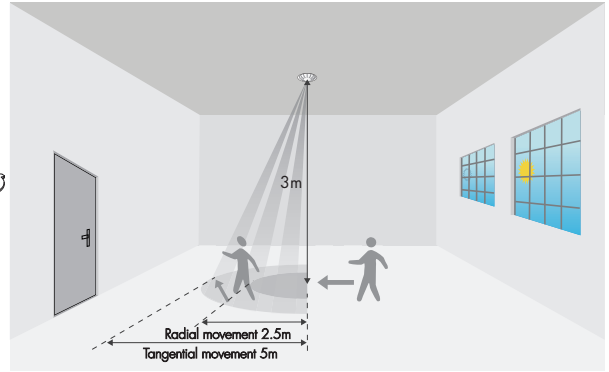
Detection range with convex lens
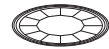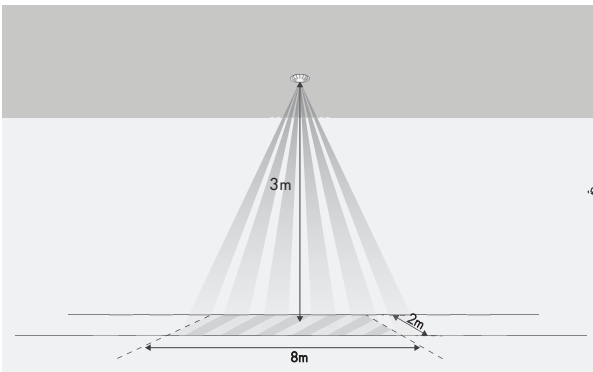
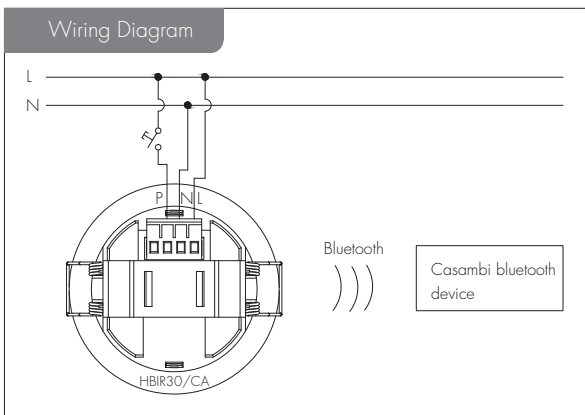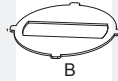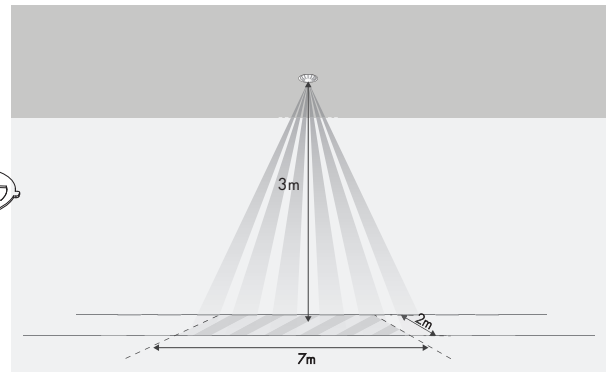Detection range with flat lens

Detection range with convex lens and corridor blind B

3m

2m

8m

B

Detection range with flat lens and corridor blind B

3m

2m

7m

Wiring Diagram

L
N

P N L

Bluetooth

Casambi bluetooth device

HBIR30/CA

Functions and Features (Configurable in Casambi App)

Hold-time
Fadetime
Daylight threshold
"Push" Function: on/off, brightness adjustment, color tuning or scene selection can be configured on Casambi APP.